| Ref<br># | Hits  | Search Query                    | DBs                        | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---------------------------------|----------------------------|---------------------|---------|------------------|
| L1       | 1     | ("6344883").PN.                 | US-PGPUB;<br>USPAT;<br>JPO | OR                  | OFF     | 2004/12/27 06:58 |
| L2       | 1     | ("5673092").PN.                 | US-PGPUB;<br>USPAT;<br>JPO | OR .                | OFF     | 2004/12/27 09:34 |
| L3       | 906   | (349/84):CCLS:                  | US-PGPUB;<br>USPAT;<br>JPO | OR                  | OFF     | 2004/12/27 09:34 |
| L4       | 116   | (349/191).CCLS.                 | US-PGPUB;<br>USPAT;<br>JPO | OR                  | OFF     | 2004/12/27 09:35 |
| L5       | 435   | (349/129).CCLS.                 | US-PGPUB;<br>USPAT;<br>JPO | OR                  | OFF     | 2004/12/27 09:35 |
| L6       | 1434  | 3 4 5                           | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 09:36 |
| L8       | 131   | 6 and "aperture ratio"          | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 09:36 |
| L9       | 24    | 8 and (improve near6 aperture)  | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 09:38 |
| L10      | 18    | 8 not @ad>"19981125"            | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 10:05 |
| L11      | 2     | 10 and (improve near6 aperture) | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 09:38 |
| L12      | 0     | ("09/448276").CCLS.             | US-PGPUB;<br>USPAT;<br>JPO | OR                  | OFF     | 2004/12/27 09:44 |
| L13      | 0     | ("09/604796").CCLS.             | US-PGPUB;<br>USPAT;<br>JPO | OR                  | OFF     | 2004/12/27 09:53 |
| L14      | 13    | seico                           | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 09:54 |
| L15      | 71330 | watch                           | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 09:54 |
| L16      | 6126  | "wrist watch"                   | US-PGPUB;<br>USPAT;<br>JPO | OR                  | ON      | 2004/12/27 09:56 |

| L17 | 14     | 5 and seiko  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 09:56 |
|-----|--------|--|------------------------------|----|-----|------------------|
| L18 | 30     | 5 and samsung  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 09:57 |
| L19 | 19     | 5 and hitachi  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 09:57 |
| L20 | 61     | 17 18 19   | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 09:58 |
| L21 | 30     | 20 and dielectric  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 09:58 |
| L22 | 12     | 21 not @ad>"19981125"  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 10:45 |
| L23 | 30     | 20 not @ad>"19981125"  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 10:05 |
| L24 | 38     | 20 not @ad>"20000627"  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/12/27 10:05 |
| L25 | 1      | ("5673092").PN.  | US-PGPUB;<br>USPAT;<br>JPO   | OR | OFF | 2004/12/27 10:45 |
| S1  | 170881 | "liquid crystal" "LCD" nematic   | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2004/06/09 11:58 |
| S2  | 25851  | 349\$.ccls.  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2002/02/25 07:41 |
| S3  | 172449 | ("liquid crystal" "LCD" nematic)<br>349\$.ccls.  | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2002/02/25 07:41 |
| S4  | 148449 | (("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not @ad>"19981124"                             | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2002/02/25 07:42 |
| S5  | 7      | ((("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not @ad>"19981124")<br>and "dielectric frame" | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2002/02/25 07:43 |
| S6  | 147132 | ((("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not @ad>"19981124")<br>not "PCMCIA"           | US-PGPUB;<br>USPAT;<br>JPO . | OR | ON  | 2002/02/25 07:44 |
| S7  | 170812 | (("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not "PCMCIA"                                   | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON  | 2002/02/25 07:44 |

| S8  | 26259 | ((("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not "PCMCIA") and<br>(pixel pel)   | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2002/02/25 07:45 |
|-----|-------|---|---|----|-----|------------------|
| S9  | 5509  | (((("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not "PCMCIA") and<br>(pixel pel)) and gate and data   | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2002/02/25 07:45 |
| S10 | 8850  | (((("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not "PCMCIA") and<br>(pixel pel)) and gate  | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2002/02/25 07:46 |
| S11 | 94    | ((((("liquid crystal" "LCD" nematic)<br>349\$.ccls.) not "PCMCIA") and<br>(pixel pel)) and gate) and<br>(multi-domain)  | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2002/02/25 07:47 |
| S12 | 35    | (((((("liquid crystal" "LCD"<br>nematic) 349\$.ccls.) not<br>"PCMCIA") and (pixel pel)) and<br>gate) and (multi-domain)) and<br>frame   | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2002/02/25 08:57 |
| S13 | 33    | (((((("liquid crystal" "LCD"<br>nematic) 349\$.ccls.) not<br>"PCMCIA") and (pixel pel)) and<br>gate) and (multi-domain)) and<br>(boarder boundary)  | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2002/02/25 08:57 |
| S14 | 21    | ((((((("liquid crystal" "LCD" nematic) 349\$.ccls.) not "PCMCIA") and (pixel pel)) and gate) and (multi-domain)) and (boarder boundary)) not (((((("liquid crystal" "LCD" nematic) 349\$.ccls.) not "PCMCIA") and (pixel pel)) and gate) and (multi-domain)) and frame) | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2002/02/25 08:58 |
| S15 | 2     | (("6344883") or ("6061117")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2002/03/04 13:50 |
| S16 | 91    | (349/191).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2003/04/09 13:40 |
| S17 | 5     | ((349/191).CCLS.) and window  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2003/04/09 13:42 |
| S18 | 76    | ((349/191).CCLS.) not<br>@ad>"19981125"   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2003/04/09 13:42 |
| S19 | 0     | (((349/191).CCLS.) not<br>@ad>"19981125") and slot  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2003/04/09 13:43 |

| S20 | 1     | (((349/191).CCLS.) not<br>@ad>"19981125") and recess   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2003/04/09 13:43 |
|-----|-------|--|---|----|-----|------------------|
| S21 | 1     | ("6344883").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2003/10/09 08:22 |
| S22 | 1     | "09/448,276"   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2003/10/09 08:22 |
| S23 | 2     | "09/448276"  | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2004/06/09 12:03 |
| S24 | 31506 | 349\$.ccls.  | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2004/06/09 12:03 |
| S25 | 24646 | 349\$.ccls. not @ad>"19981125"   | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2004/06/10 07:51 |
| S26 | 0     | (349\$.ccls. not @ad>"19981125")<br>and "dielectric frame"   | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2004/06/09 14:27 |
| S27 | 347   | (349\$.ccls. not @ad>"19981125")<br>and (dielectric near6 (frame, post,<br>rib, protuberance, structure))  | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2004/06/10 07:52 |
| S28 | 24646 | 349\$.ccls. not @ad>"19981125"   | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2004/06/10 07:52 |
| S29 | 347   | (349\$.ccls. not @ad>"19981125"<br>) and (dielectric near6 (frame,<br>post, rib, protuberance, structure)) | US-PGPUB;<br>USPAT;<br>JPO                | OR | ON  | 2004/06/10 07:52 |
| S30 | 2     | "09/ <del>44</del> 8276"   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/06/10 08:17 |